

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1146	remov\$3 near3 (sige or germanium) near5 layer	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 16:15
S2	658	S1 and "438".clas.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 16:15
S3	0	S2 and htrogen peroxide	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 16:15
S4	126	S2 and hydrogen peroxide	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 16:15
S5	437	S2 and wafer	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 16:17
S6	93	S5 and peroxide	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 16:18
S7	9	S5 and diaphragm	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 16:22
S8	15	S1 and diaphragm	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 16:25
S9	6	S8 not S7	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 16:25
S10	4	("4888300"   "6100132").PN. OR ("7019364").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/07 16:28
S11	93	flat near4 diaphragm near4 sensor	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 16:30
S12	567	dry etch\$3 with (germanium or sige or ge)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 16:57
S13	210	remov\$3 with dry etch \$3 with (germanium or sige or ge)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 16:59
S14	2138	remov\$3 with etch\$3 with (germanium or sige or ge)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 17:04

S15	1156	S14 and "438".clas.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 17:05
S16	37	S15 and mem	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 17:05
S17	37	S15 and (mem or mems)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 17:05
S18	131	(si or silicon) near4 substrate and flat diaphragm	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 17:12
S19	6	S18 and (germanium or sige or ge)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 17:12
S20	64	(si or silicon) near4 substrate and flat sensor	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 17:18
S21	19	S20 and ("438".clas. or "257".clas.)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 17:19
S22	1	("5291781").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 17:20
S23	18	("4471647"   "4501144"   "4542650"   "5050429").PN. OR ("5291781").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/07 17:21
S24	1360	flat diaphragm	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 17:26
S25	1	S24 near4 germanium	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/07 17:26
S26	1009	257/417.ccls.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/08 08:52
S27	732	diaphragm and sensor and germanium	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/08 08:52
S28	18	S26 and S27	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/08 08:52
S29	44	diaphragm same sensor same germanium	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/08 09:02

S30	10	diaphragm same sensor same germanium same substrate	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/08 09:25
S31	4537	sige layer	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/08 09:54
S32	1218	sige layer near3 substrate	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/08 09:54
S33	2202	(sensor or transducer). ti,ab. and ((germanium or \$2ge) near5 diaphragm)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 09:03
S34	694	S33 and substrate	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 09:04
S35	369	S33 and ((silicon or soi) near5 substrate)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 09:04
S36	19	(sensor or transducer). ti,ab. and ((germanium or sige) near5 diaphragm)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 09:05
S37	38302	438/50,53,460- 465,690-757.ccls. or 257/415-419.ccls.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/03/12 14:18
S38	492	etch\$3 stop near5 (ge or sige or germanium)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/03/12 14:19
S39	3182860	substrate or wafer	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/03/12 14:20
S40	172	S38 with S39	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/03/12 14:20
S41	5051	(remov\$3 or etch\$4) near3 (ge or sige or germanium)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/03/12 14:20
S42	79	("4372803"   "4463336"   "4601779"   "4721938"   "4784721"   "4851080"   "4889590"   "4978421"   "5013681"   "5068203").PN. OR ("5413679").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/12 15:33

S43	74	("4601779"   "4735679"   "4962051"   "4983251"   "5013681"   "5034343"   "5234535").PN. OR ("5310451").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/12 15:42
S44	281396	diaphragm	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/03/12 16:25
S45	134	S41 and S44	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/03/12 16:25
S46	116	S45 not S40	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/03/12 16:25
S47	66	S38 and S44	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/03/12 16:34
S48	7	S47 not (S45 or S40)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/03/12 16:35

**EAST Search History (Interference)**

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**3/ 13/ 2010 2:36:22 PM****C:\ Documents and Settings\ kkusumakar\ My Documents\ EAST\ Workspaces\ 10571246.wsp**